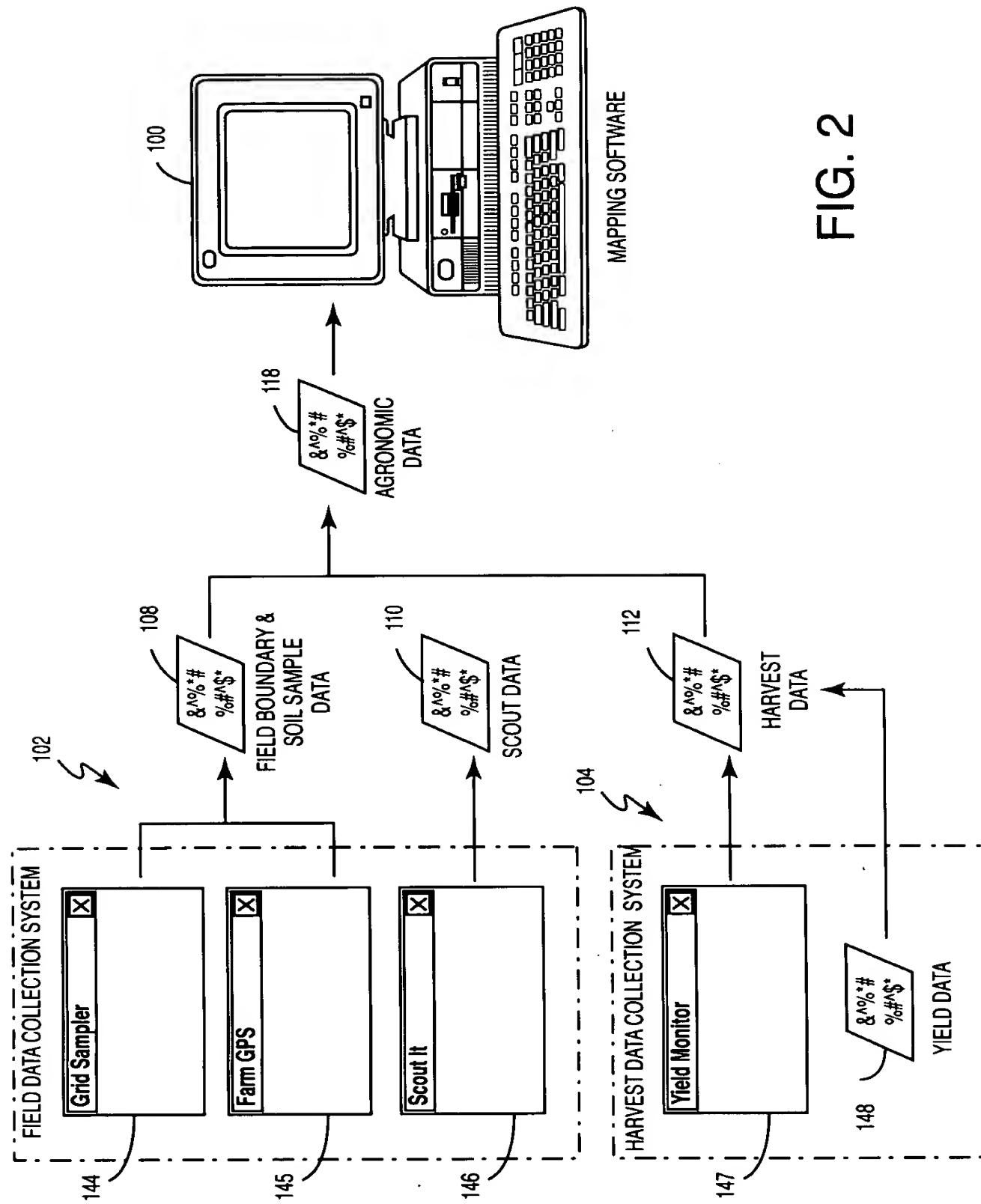


FIG. 1



FIG. 2



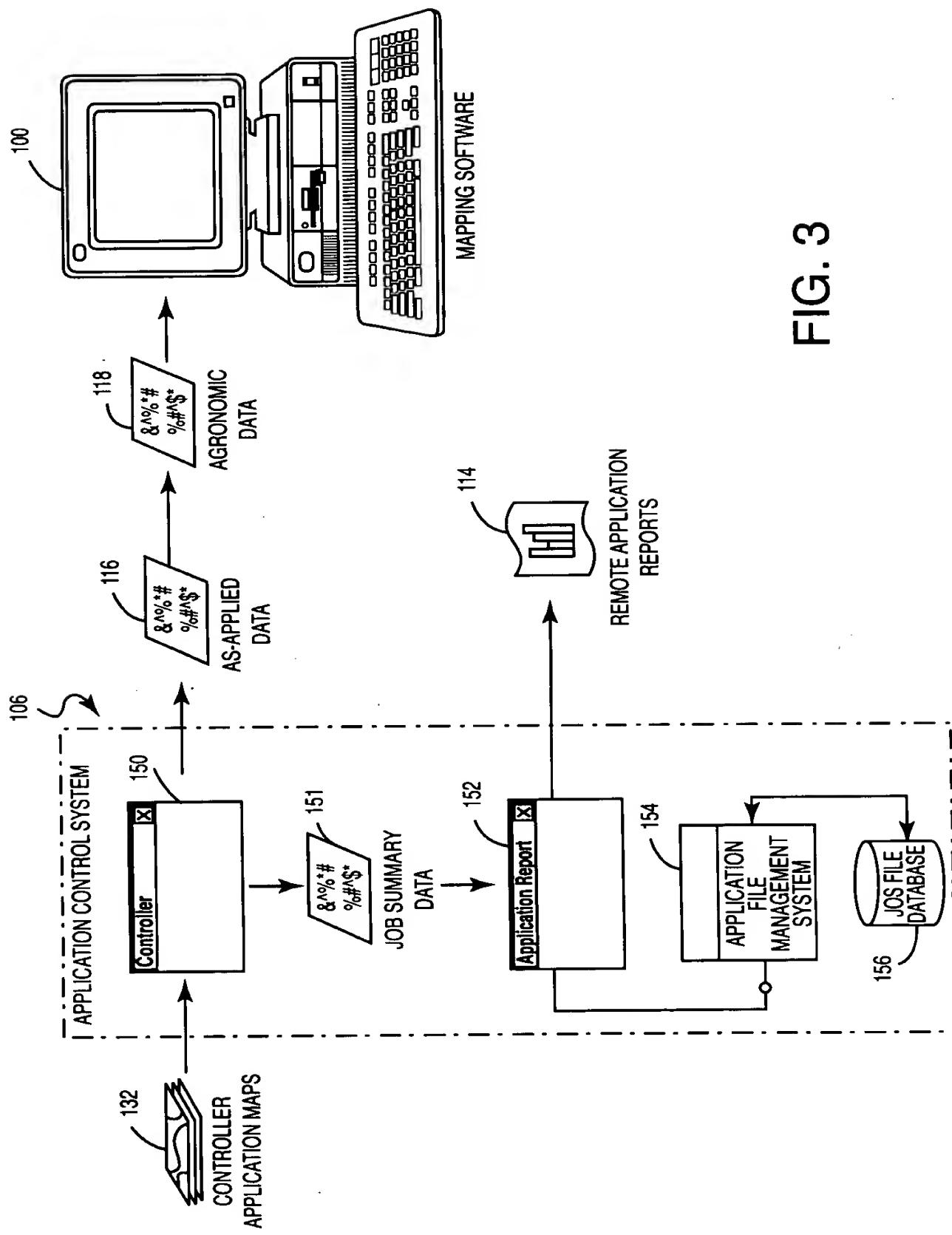


FIG. 3

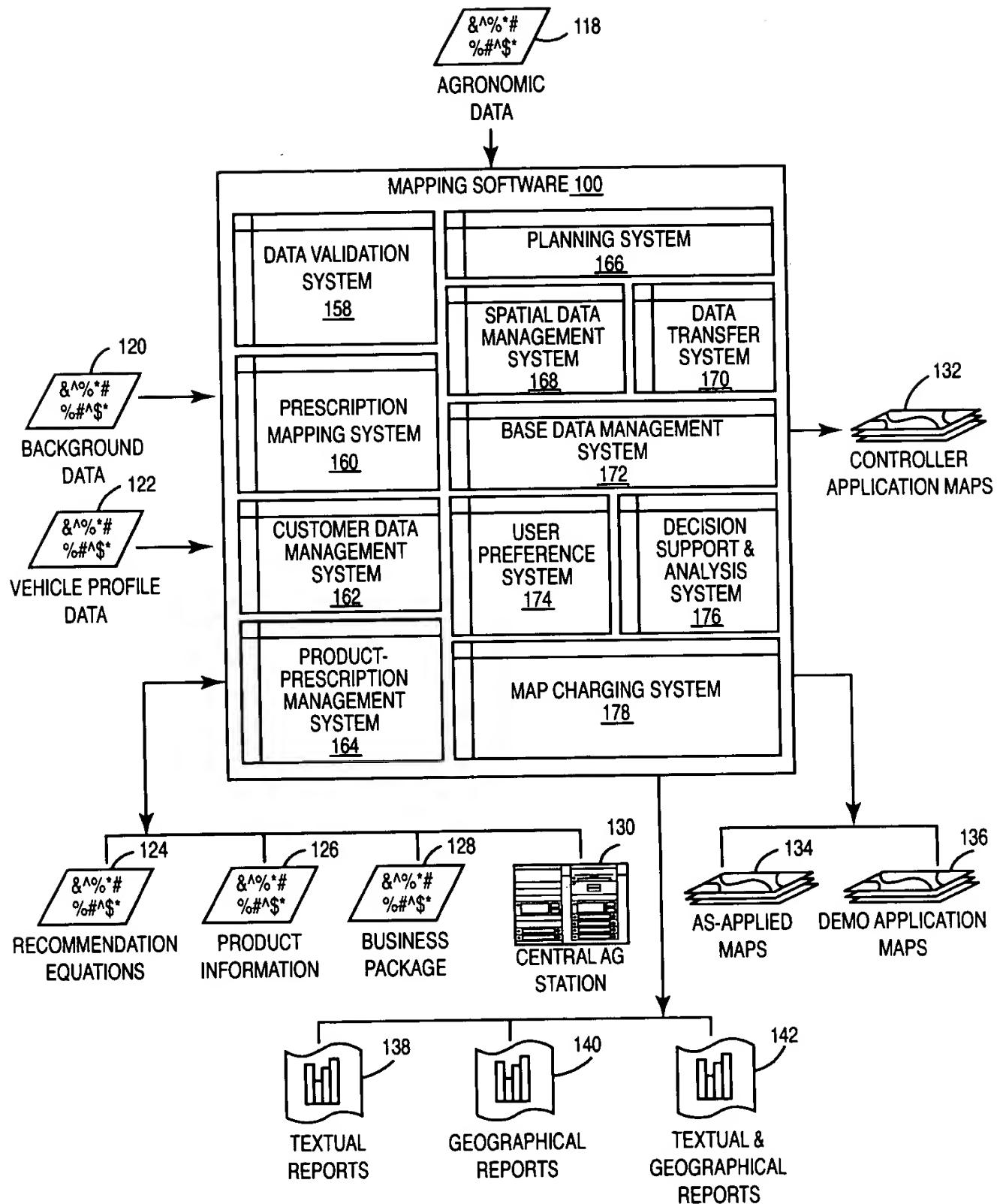


FIG. 4

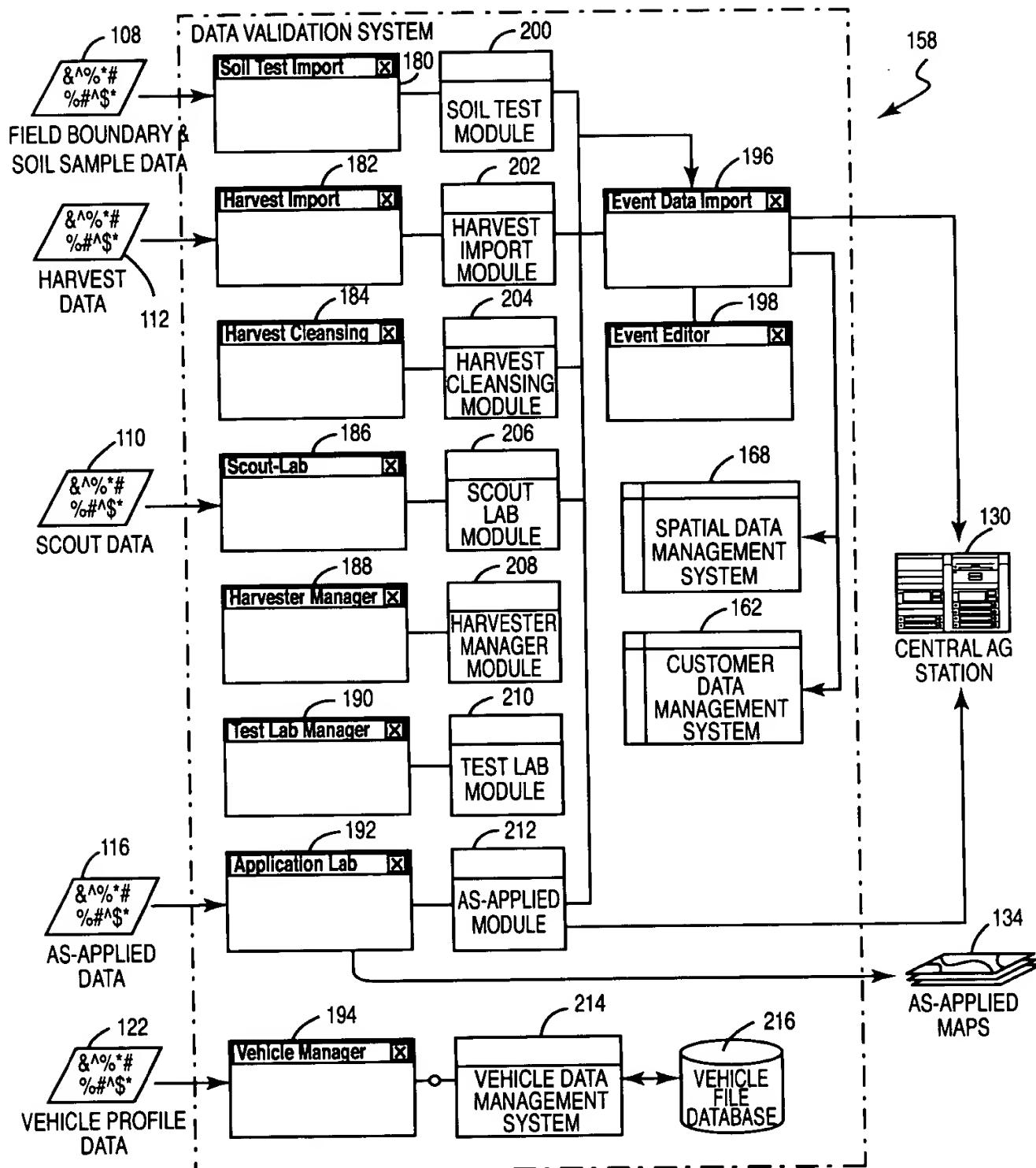


FIG. 5

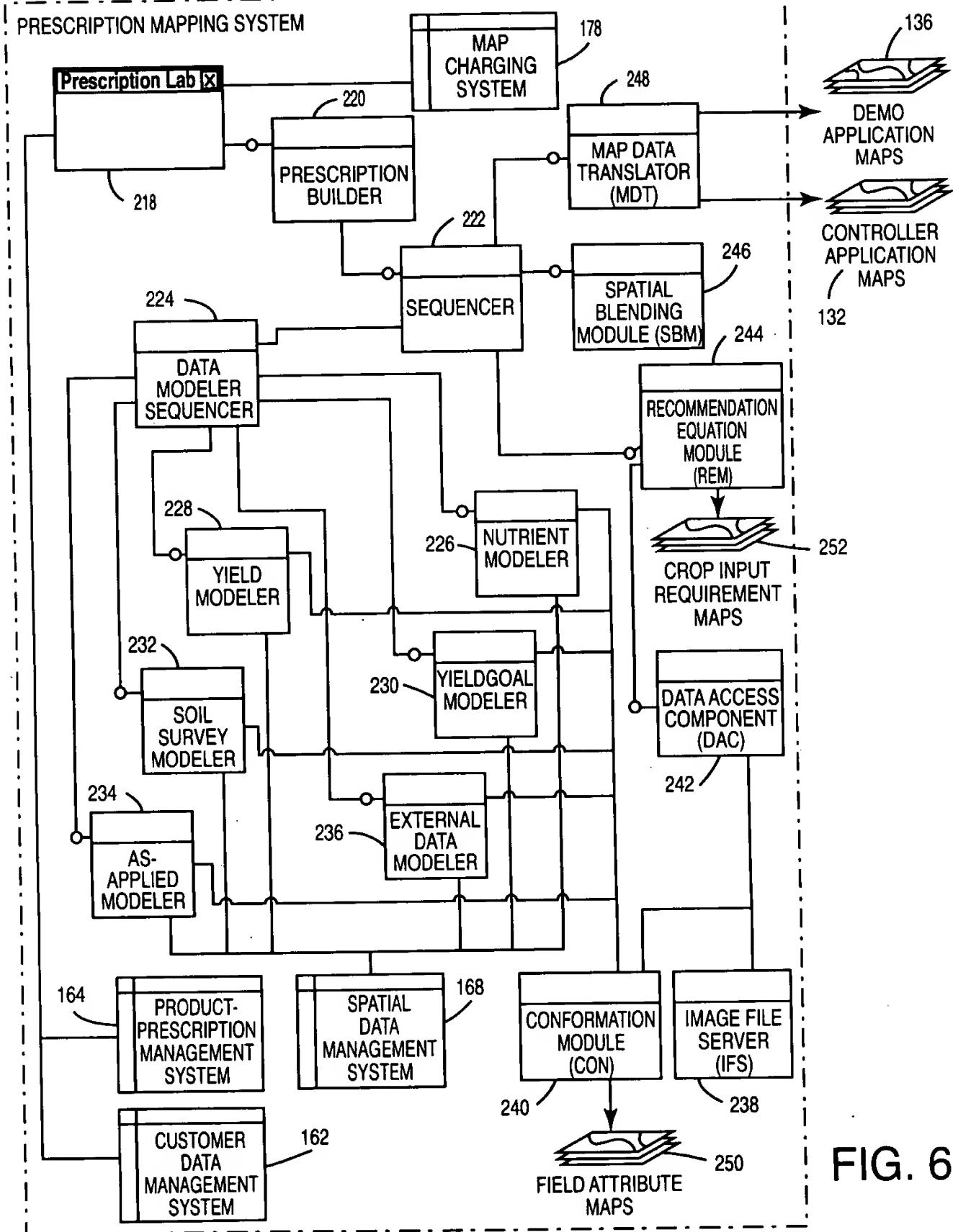


FIG. 6

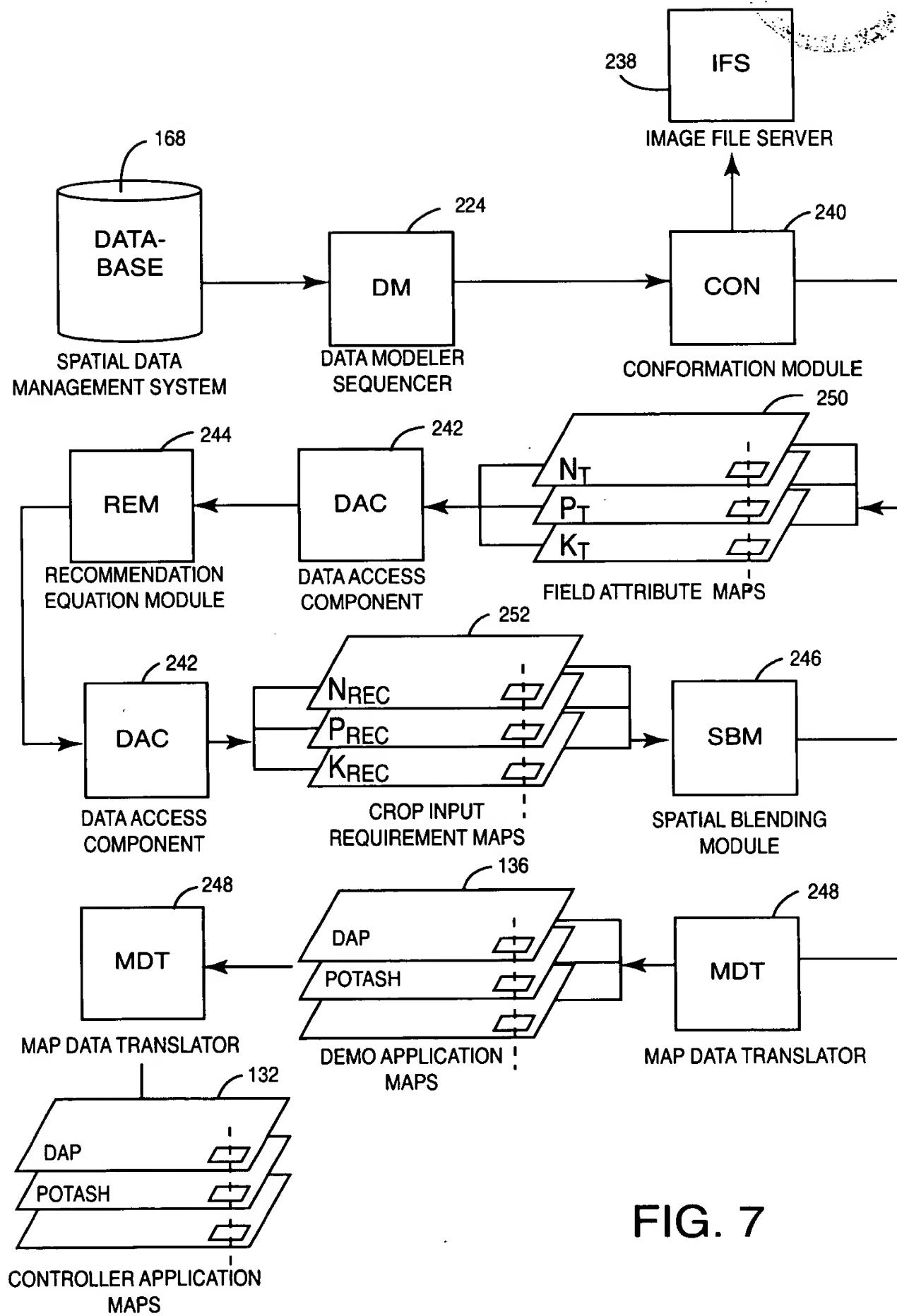


FIG. 7

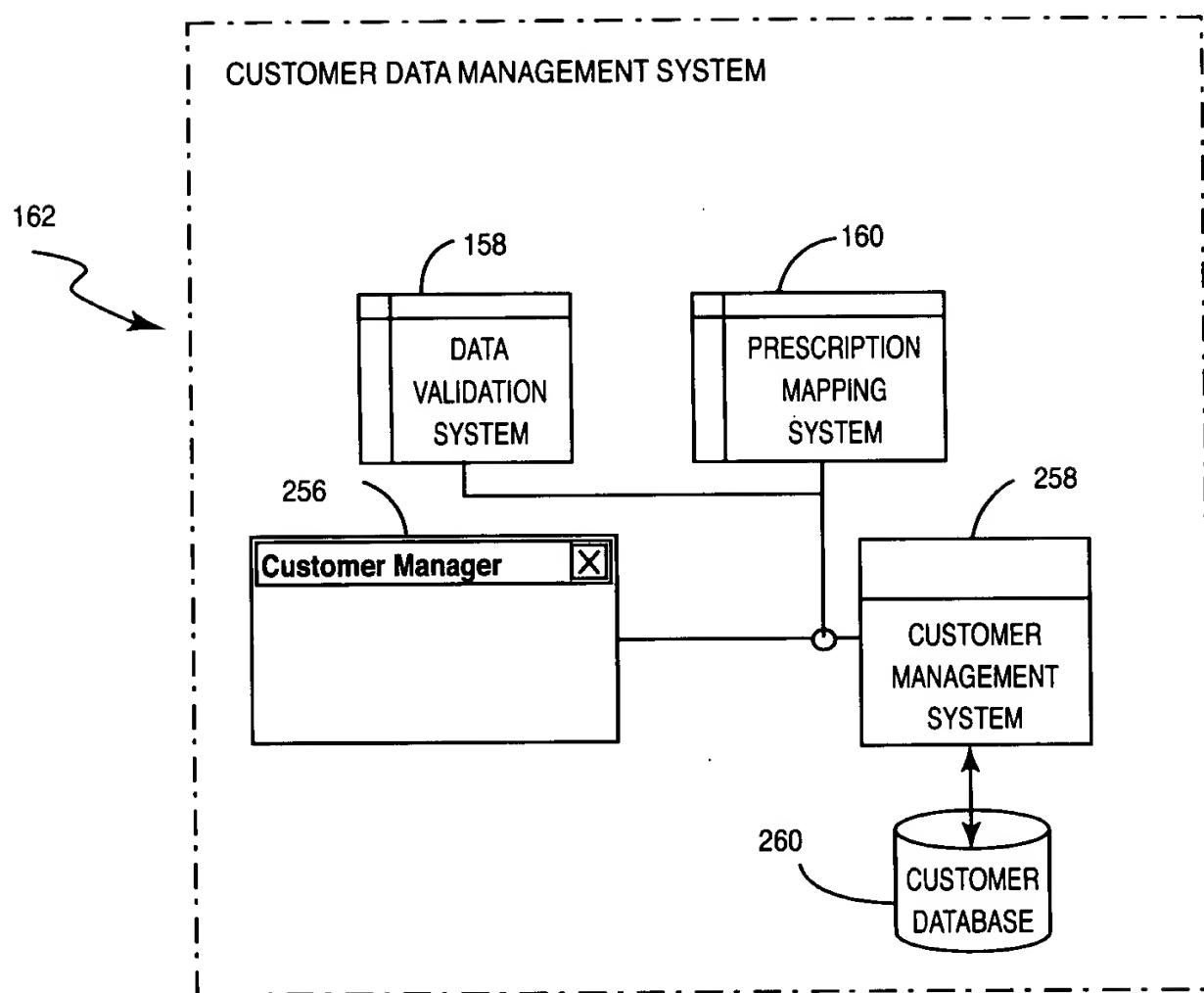


FIG. 8

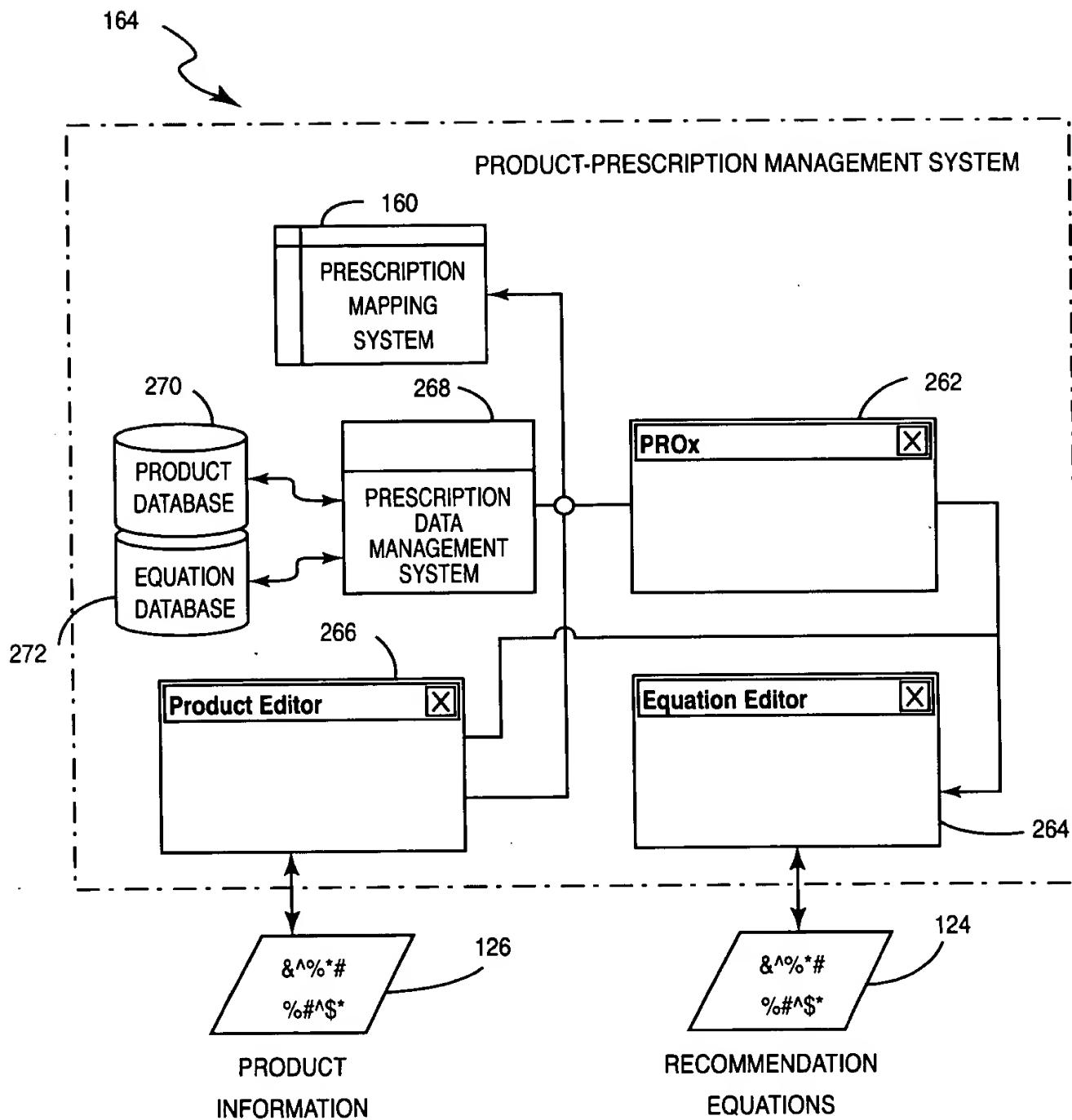


FIG. 9

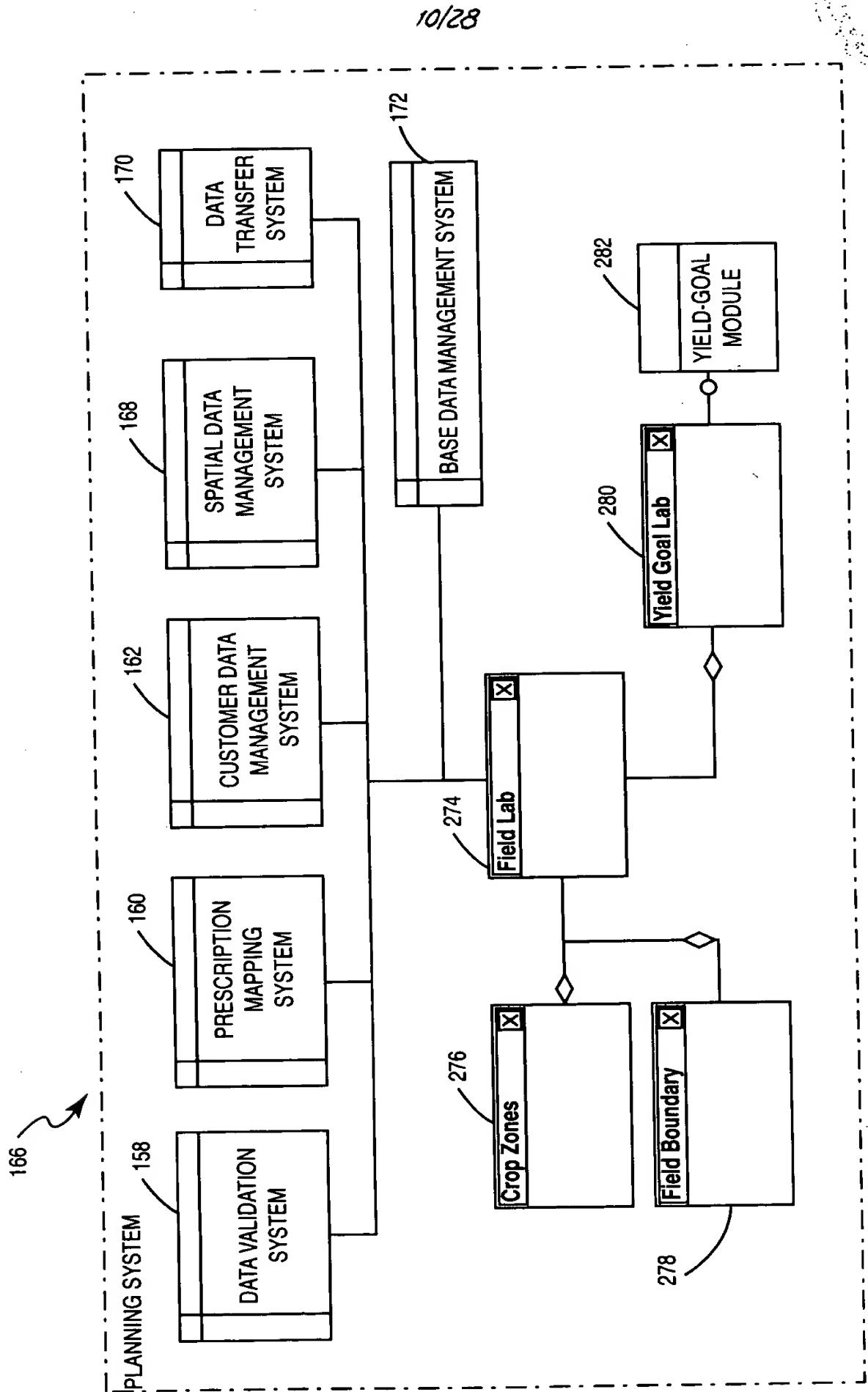


FIG. 10

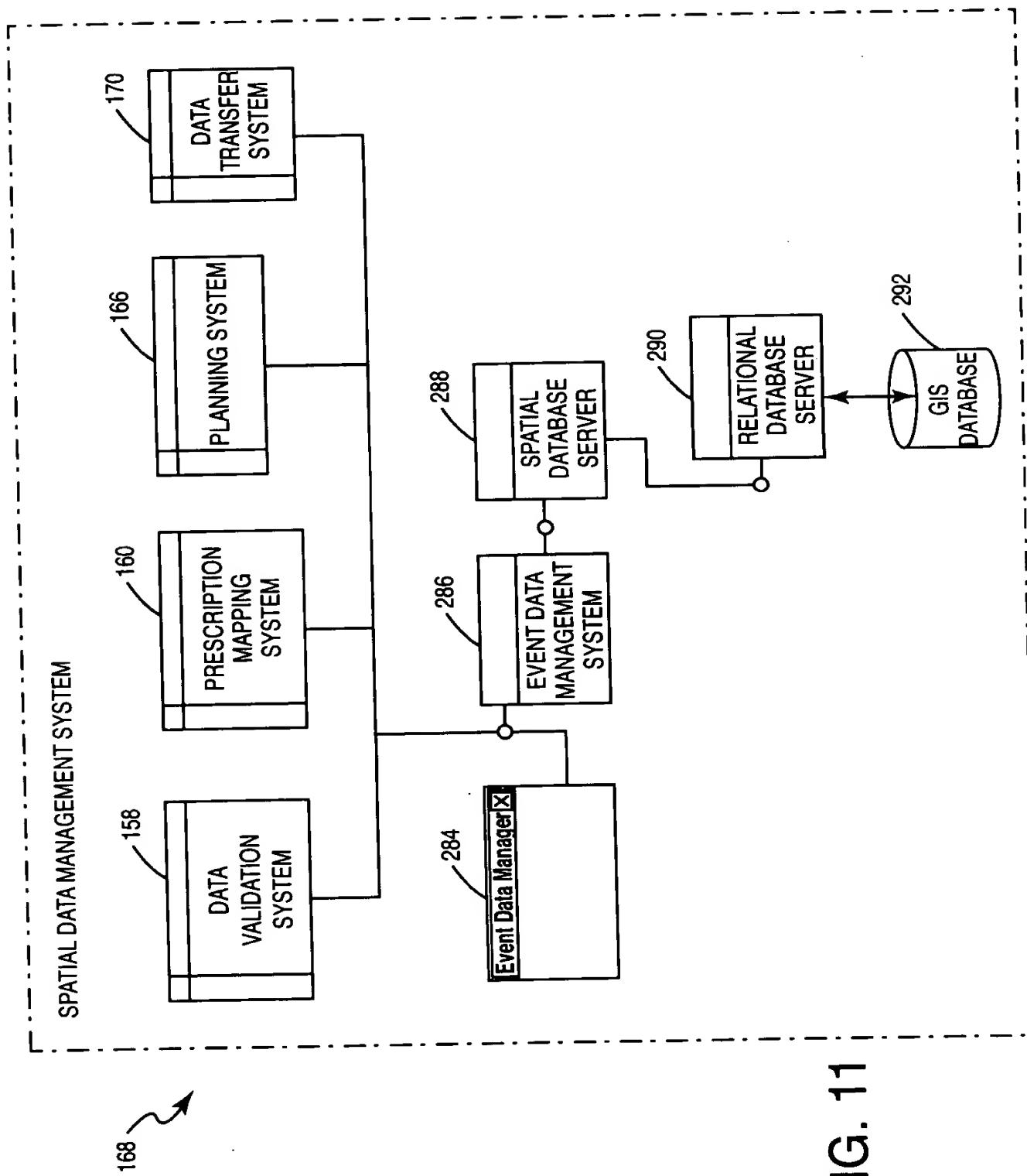


FIG. 11

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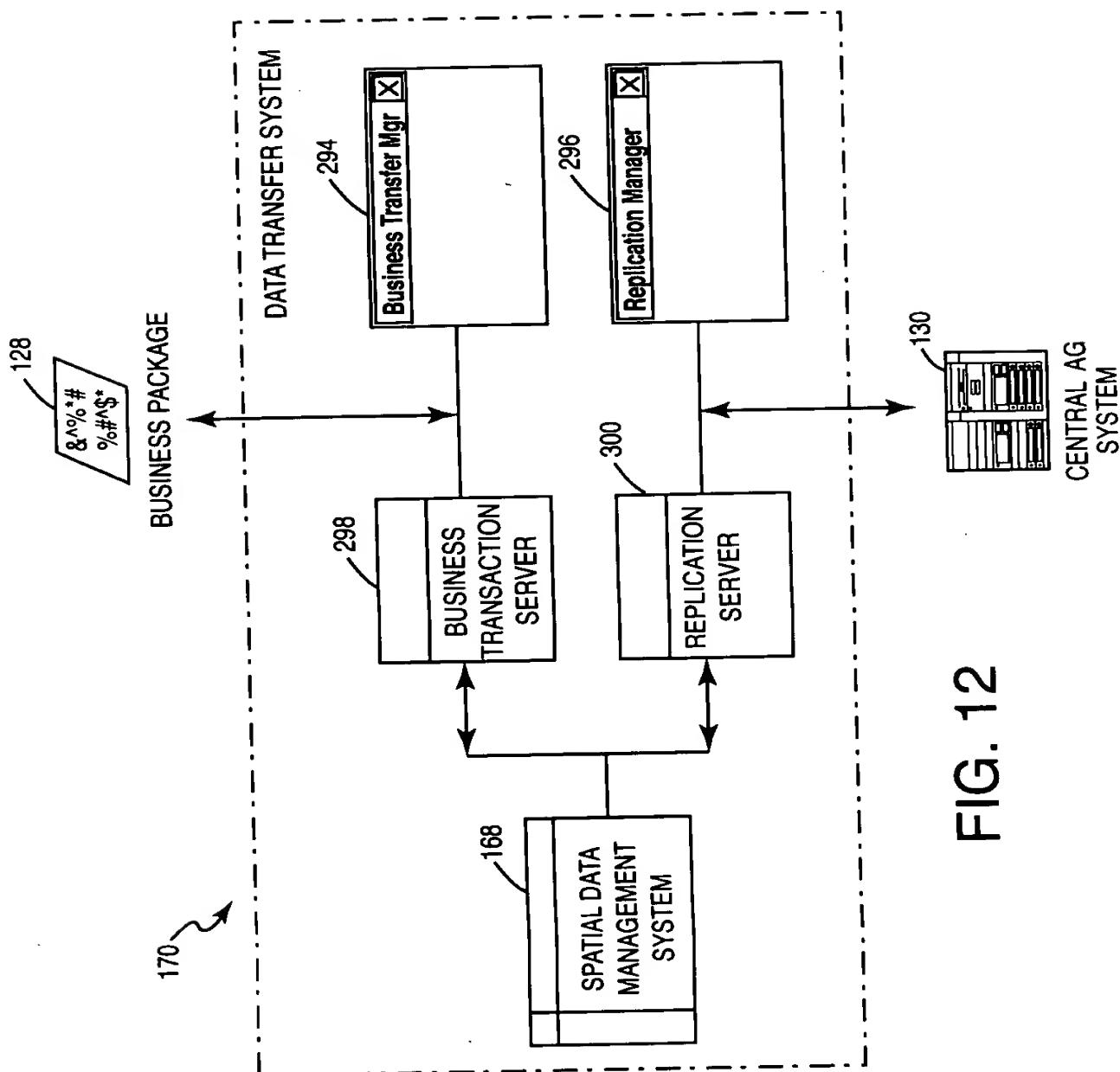


FIG. 12

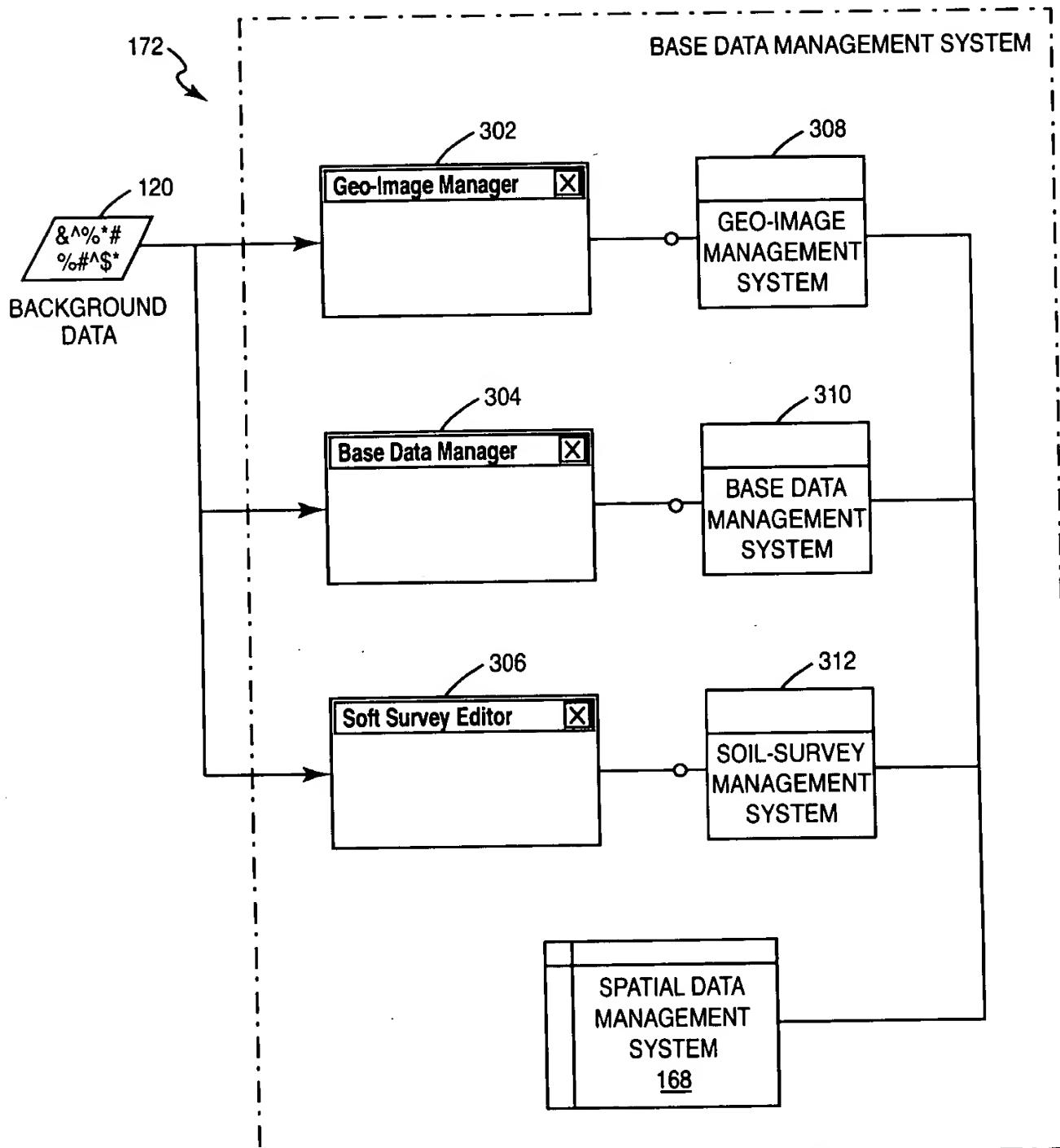


FIG. 13

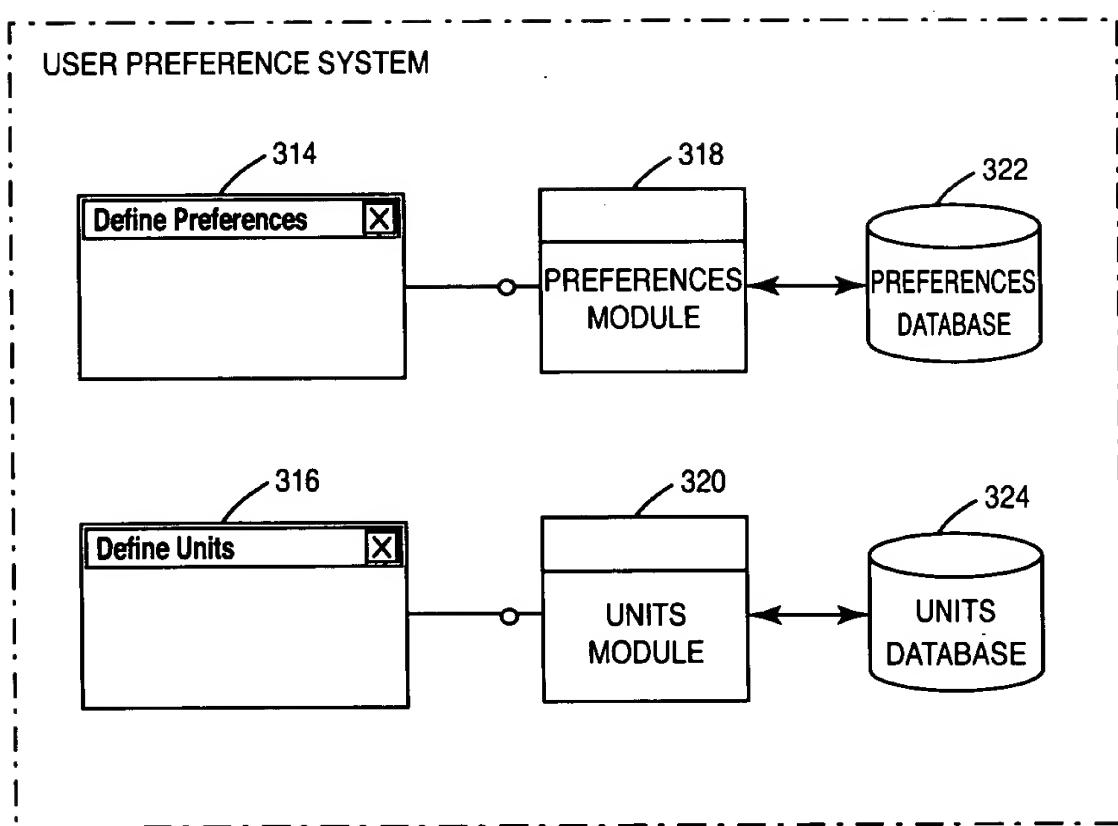


FIG. 14

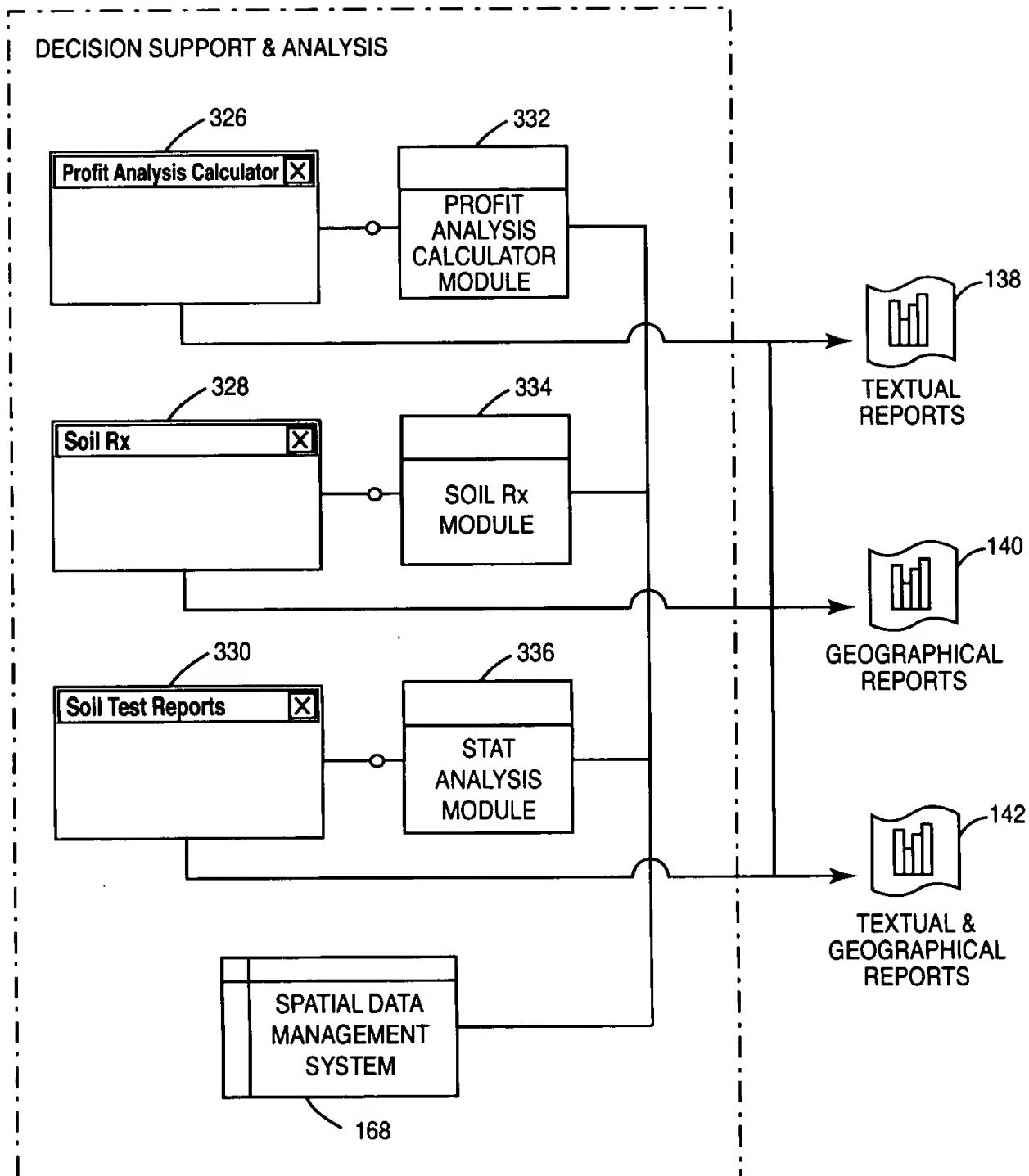


FIG. 15

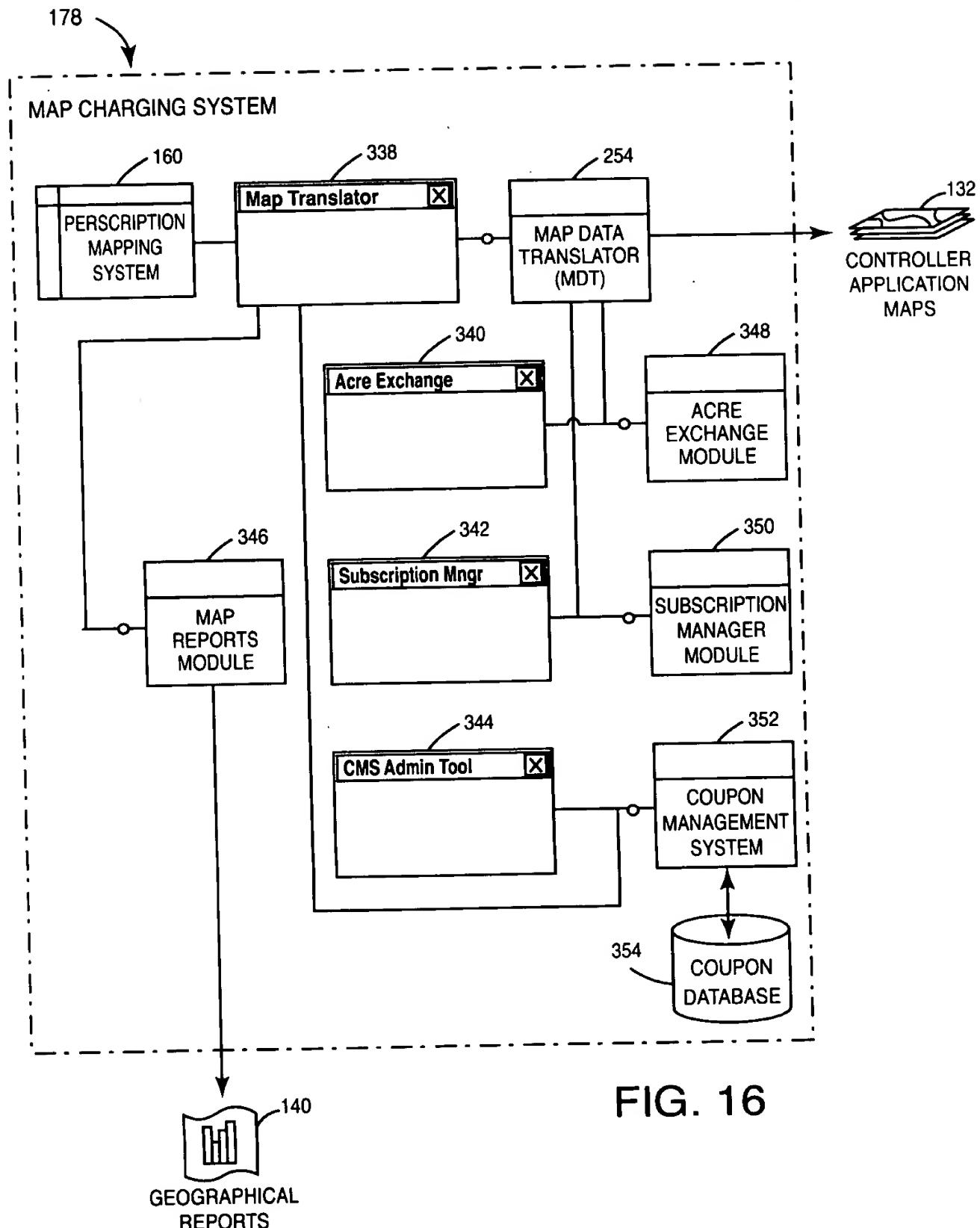


FIG. 16

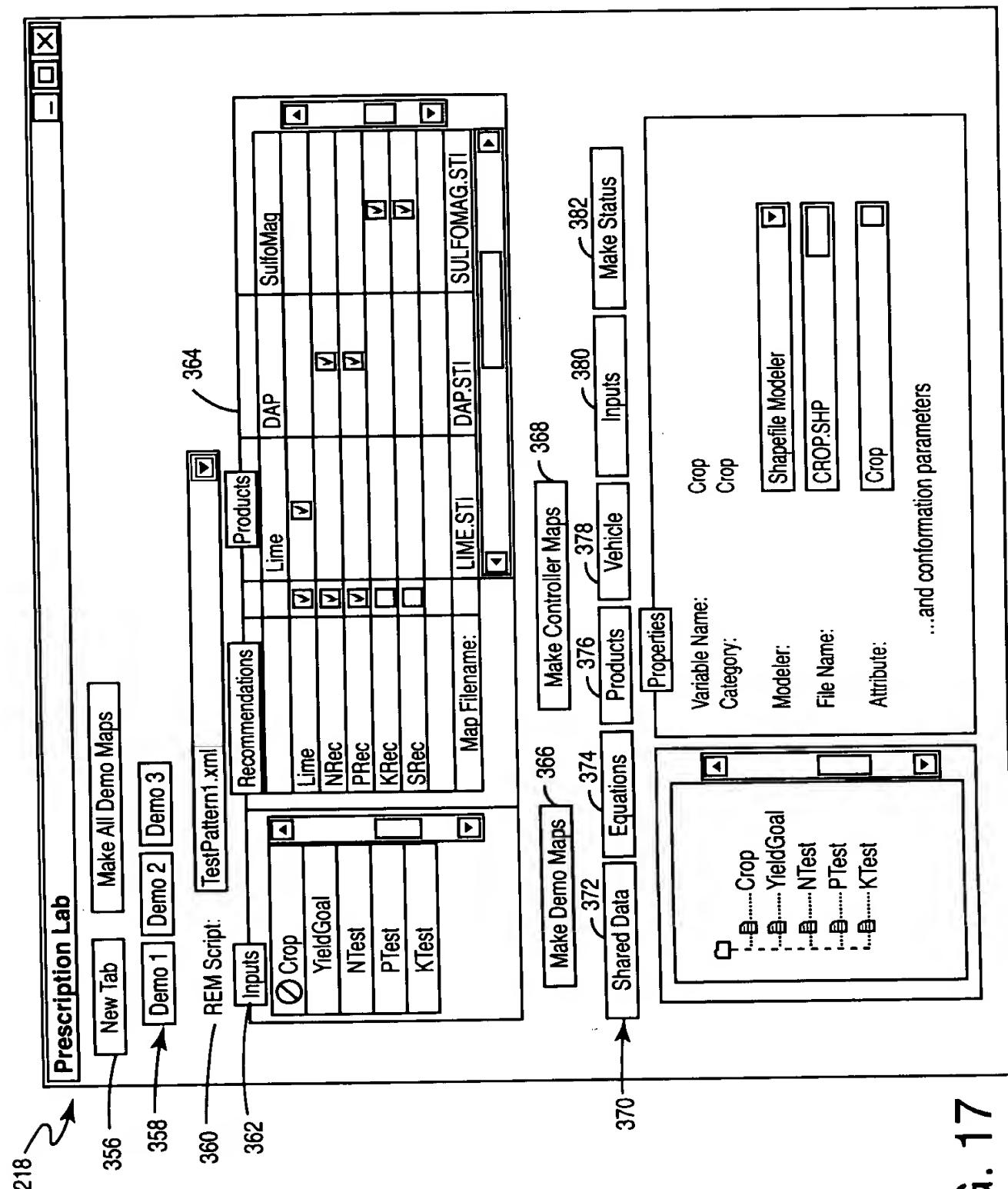


FIG. 17

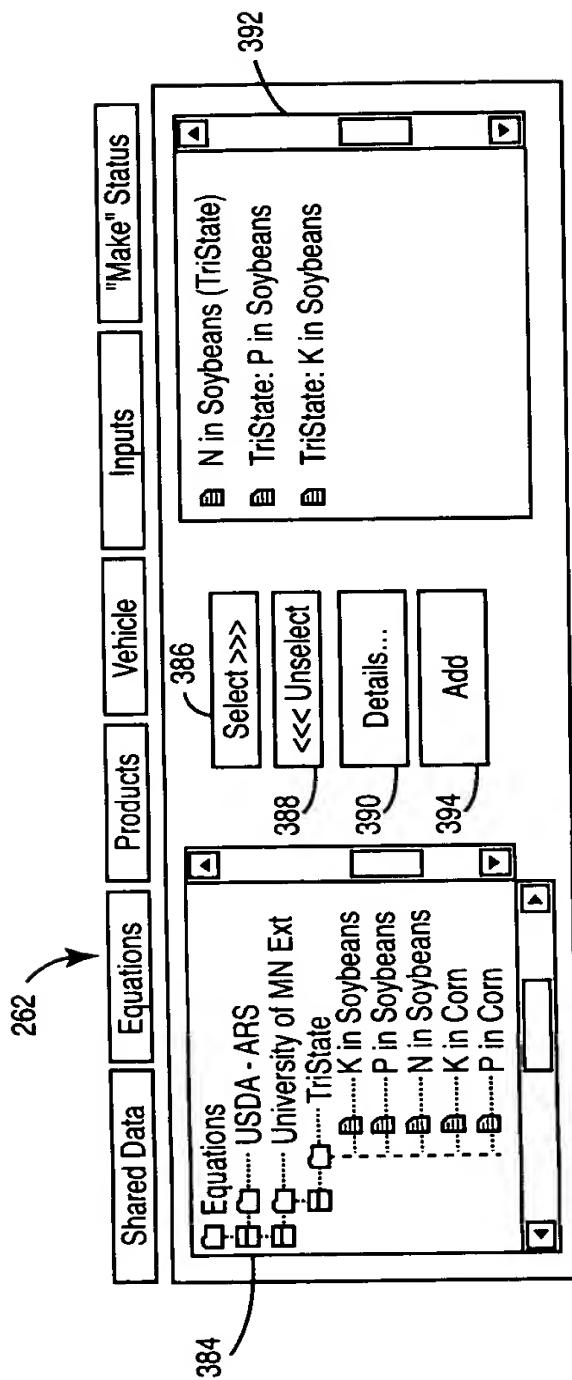


FIG. 18

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Tristate: N in Soybeans

Input Name	Type	Unit	Description
OM	Soil Sample	ppm	Organic Matter

```

if ( om > = 0 and om < 2 ) then
    apply ( 2 ) ;
elseif ( om > = 2 and om < 7.2 ) then
    apply ( om * 0.333 + 1.333 ) ;
else
    apply ( 3.75 ) ;
endif

```

Output: Nitrogen Output Unit: Pounds per acre

Description: Do not use this for Tundra. Instead you should use...

OK

FIG. 19

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The screenshot shows a software interface with the following components and annotations:

- Menu Bar:** Cut, Copy, Paste, Undo, Save, Print, Validate (numbered 398).
- Variables List:** Soil Test variables (numbered 400). Items include: Buffer pH, CEC, CaTest, CTest, MgTest, MnTest, OM, pH, pTest, and sTest.
- Code Editor:** A block of C-like pseudocode (numbered 402).

```

if (yield > 0 and yield < 49 ) then
    apply ( 7.37 + ( 1.298 * yield ) - ( 8.598 * om ) );
elseif ( ptest < 25 ) then
    if ( kTest = 40 ) then
        apply ( kTest * 0.333 );
    else
        if ( ptest = 40 ) then
            apply ( om * 0.333 );
        else
            apply ( 20 );
        endif
    endif
else
    apply ( 0 );
endif

```
- Output Unit Selection:** Output: Nitrogen (numbered 404), Output Unit: Pounds per Acre (numbered 406).
- Properties:** Guided, Table, XML, Properties (numbered 408).
- Variables used in this Education:** A table showing variables and their properties (numbered 408).

Name	Data Source	Data Target	Unit	Properties...
yield	Yield goals	com		
om	Soil Tests	om		
kTest	Soil Tests	k		
ptest	Soil Tests	p-bray1		
- Bottom Navigation:** Soil Survey variables, As applied variables, Yield Goal variables, External Data variables, Scouting variables, Yield variables, New Variable... (numbered 410).

FIG. 20

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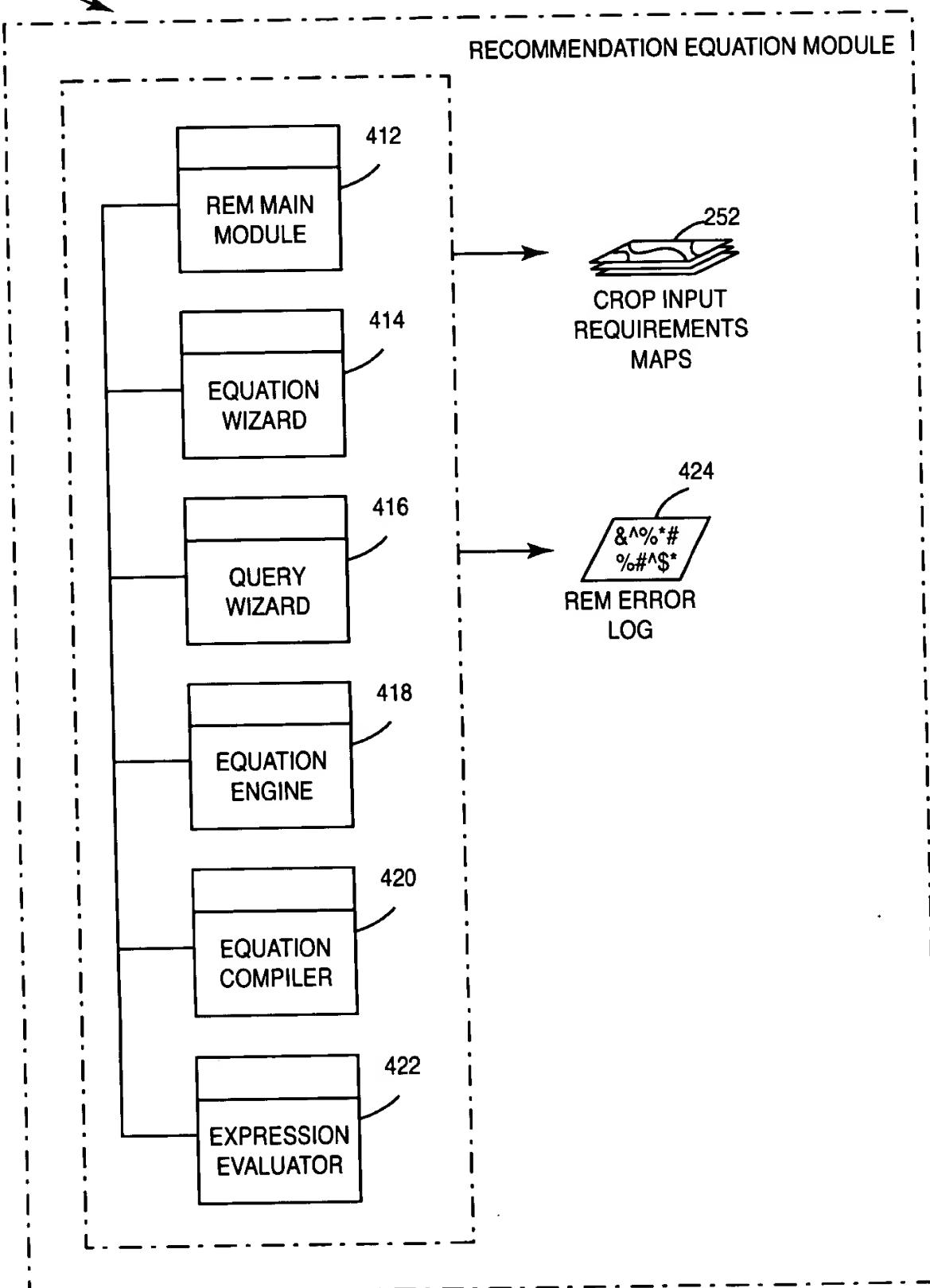


FIG. 21

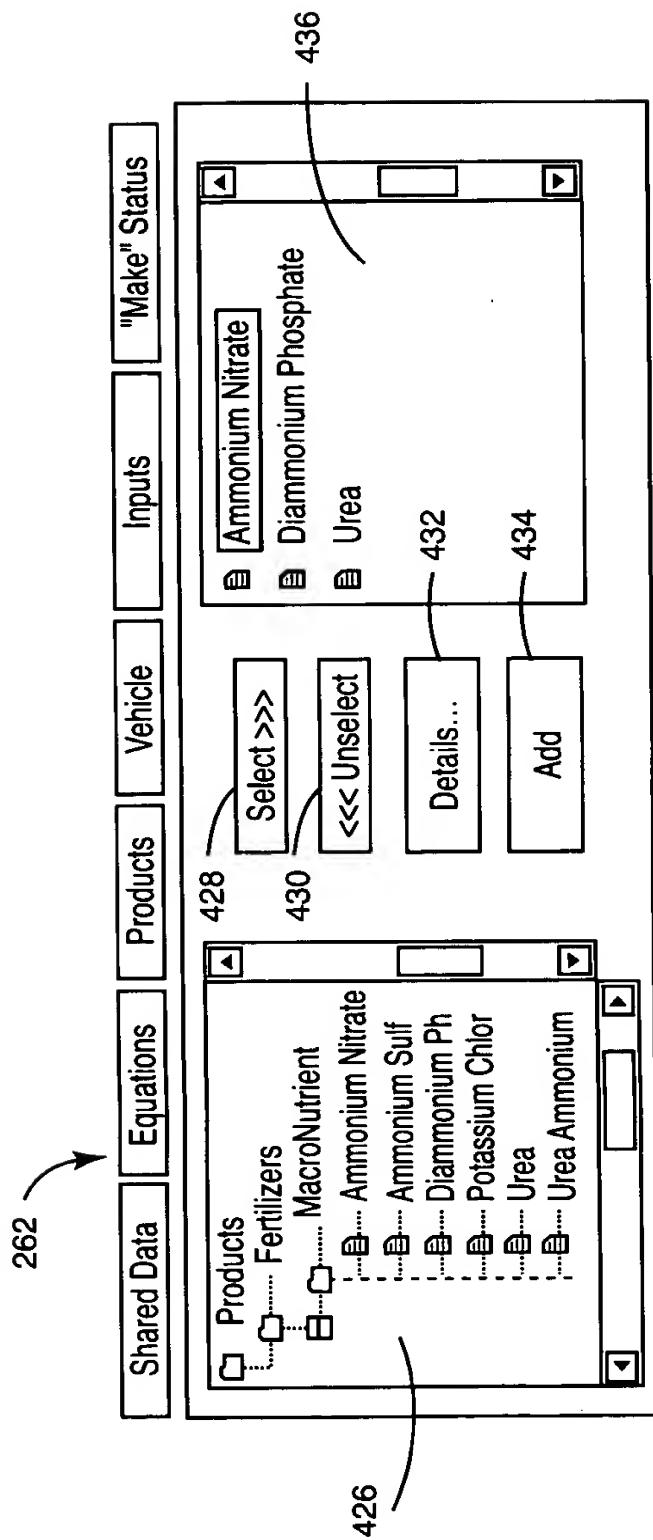


FIG. 22

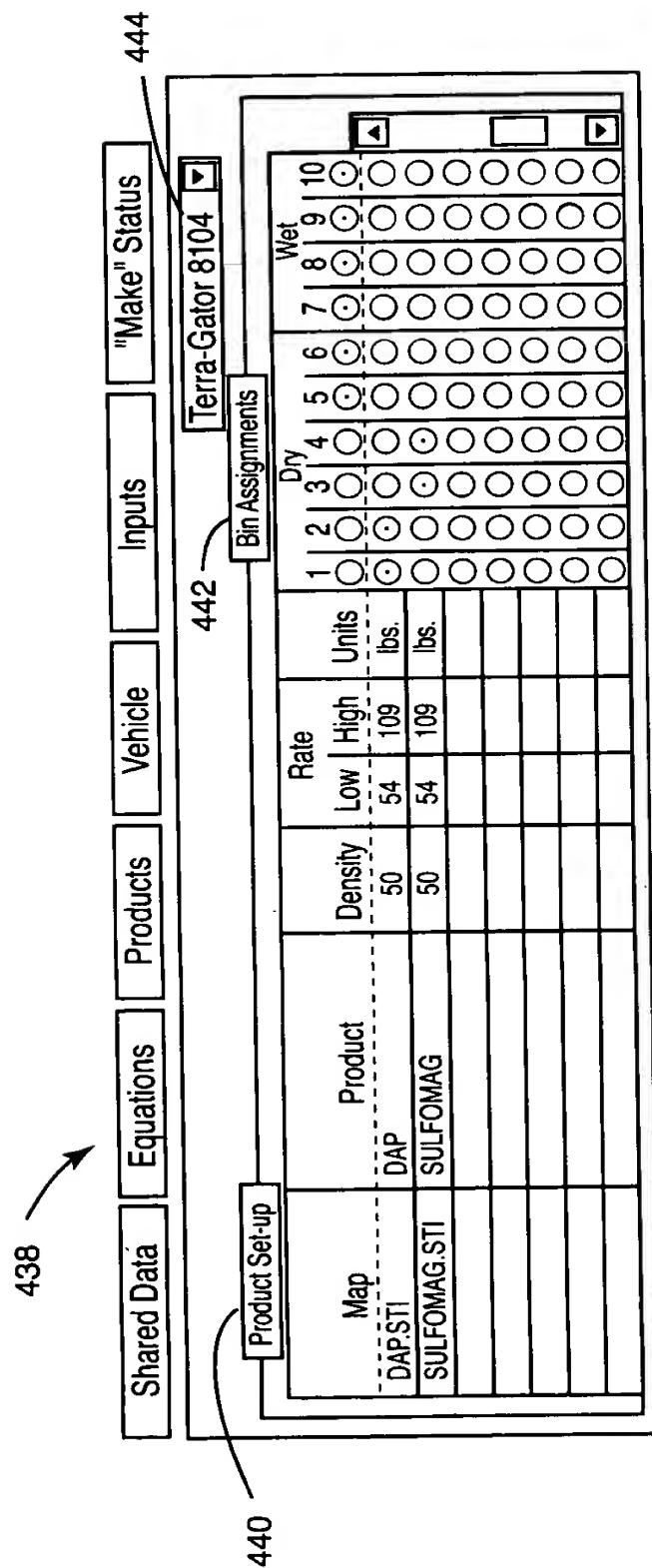


FIG. 23

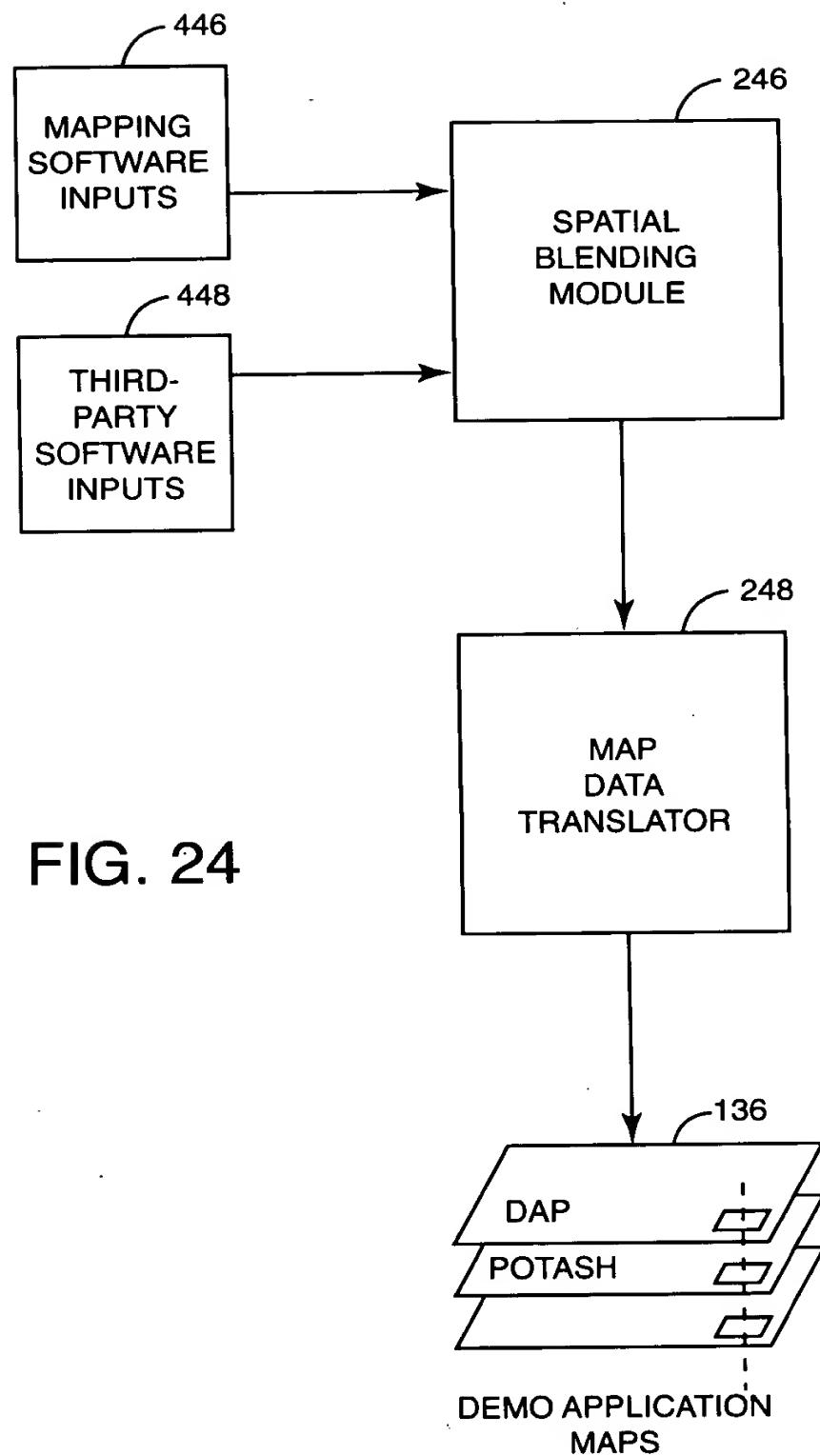


FIG. 24

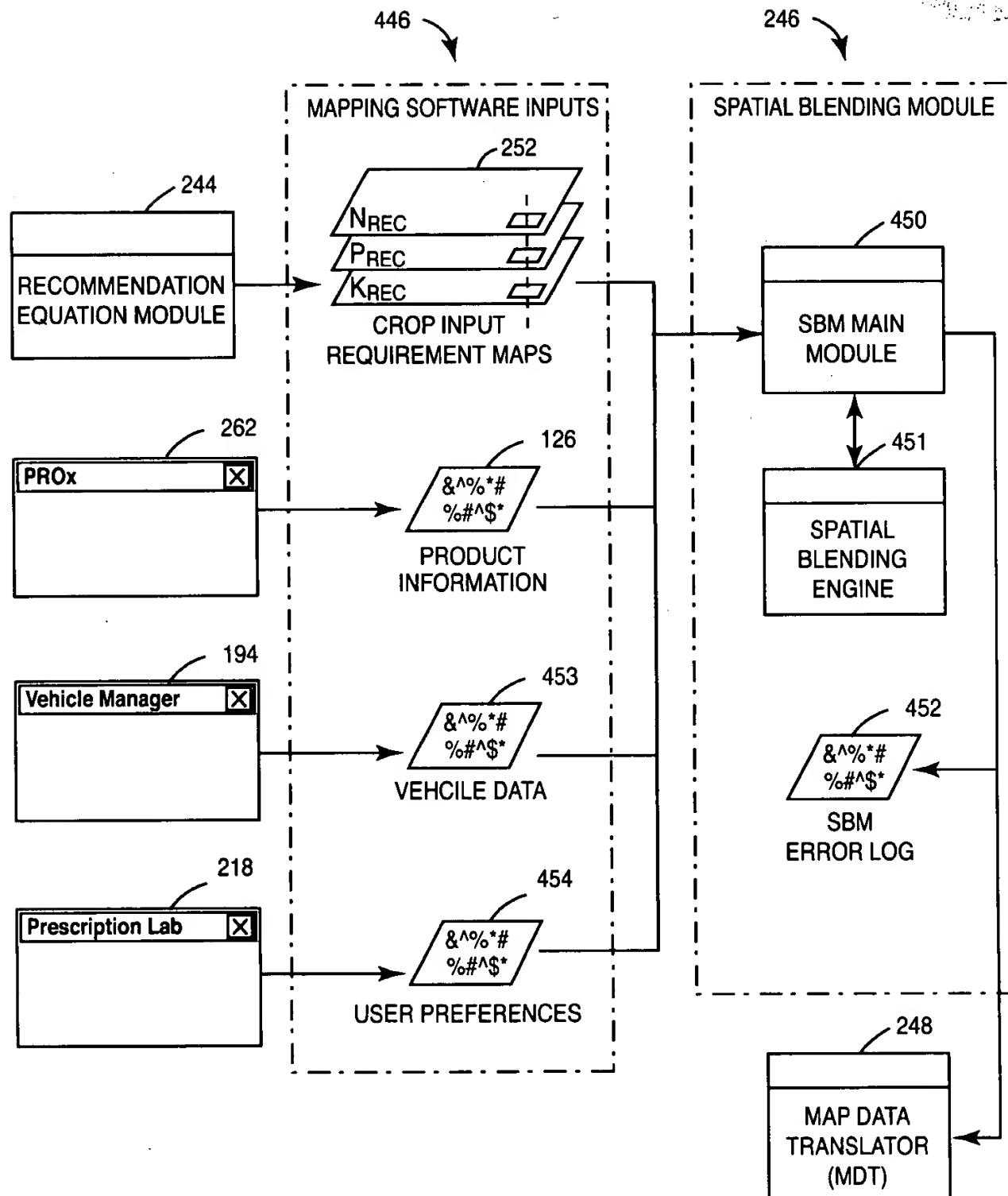


FIG. 25

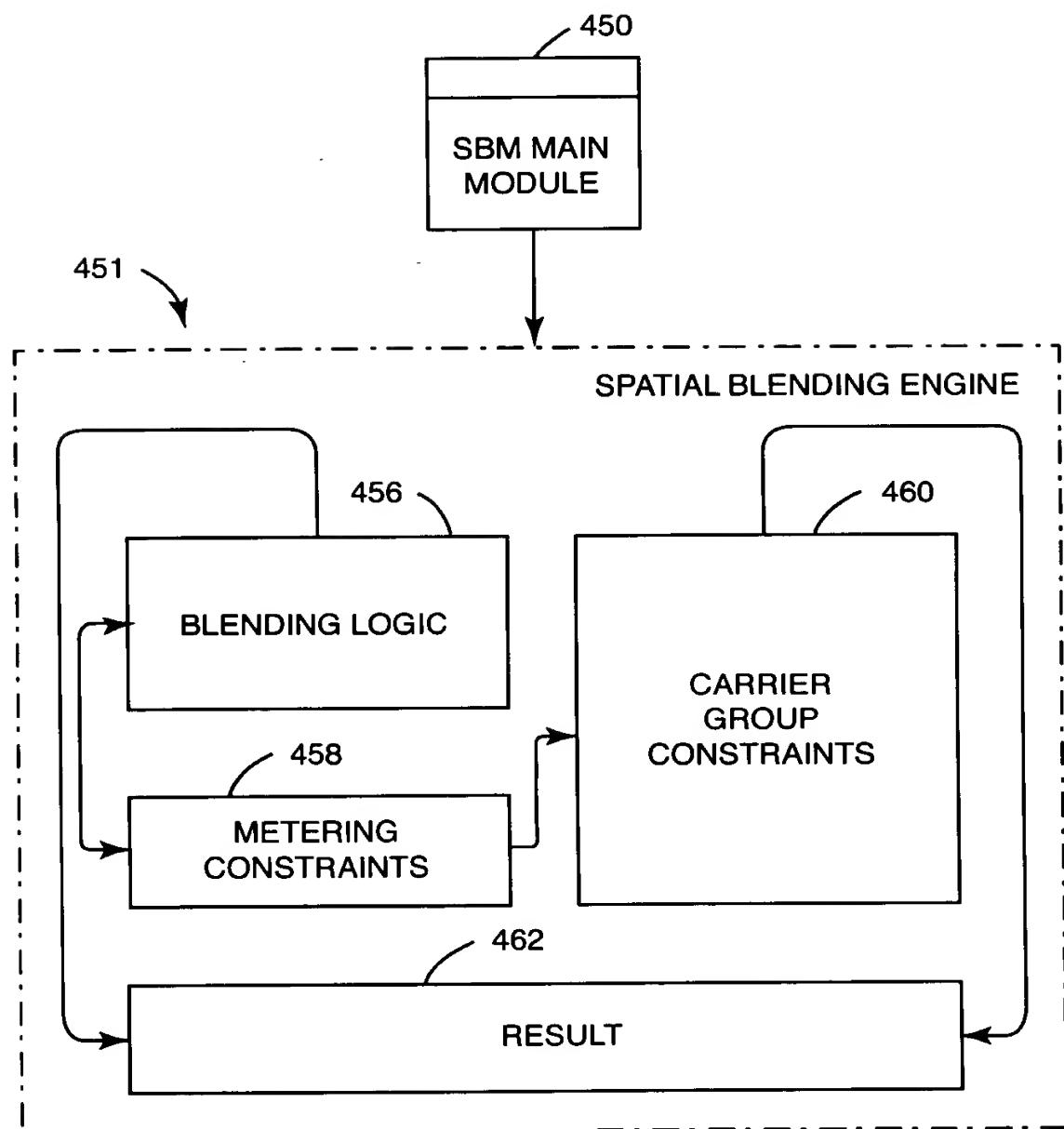


FIG. 26

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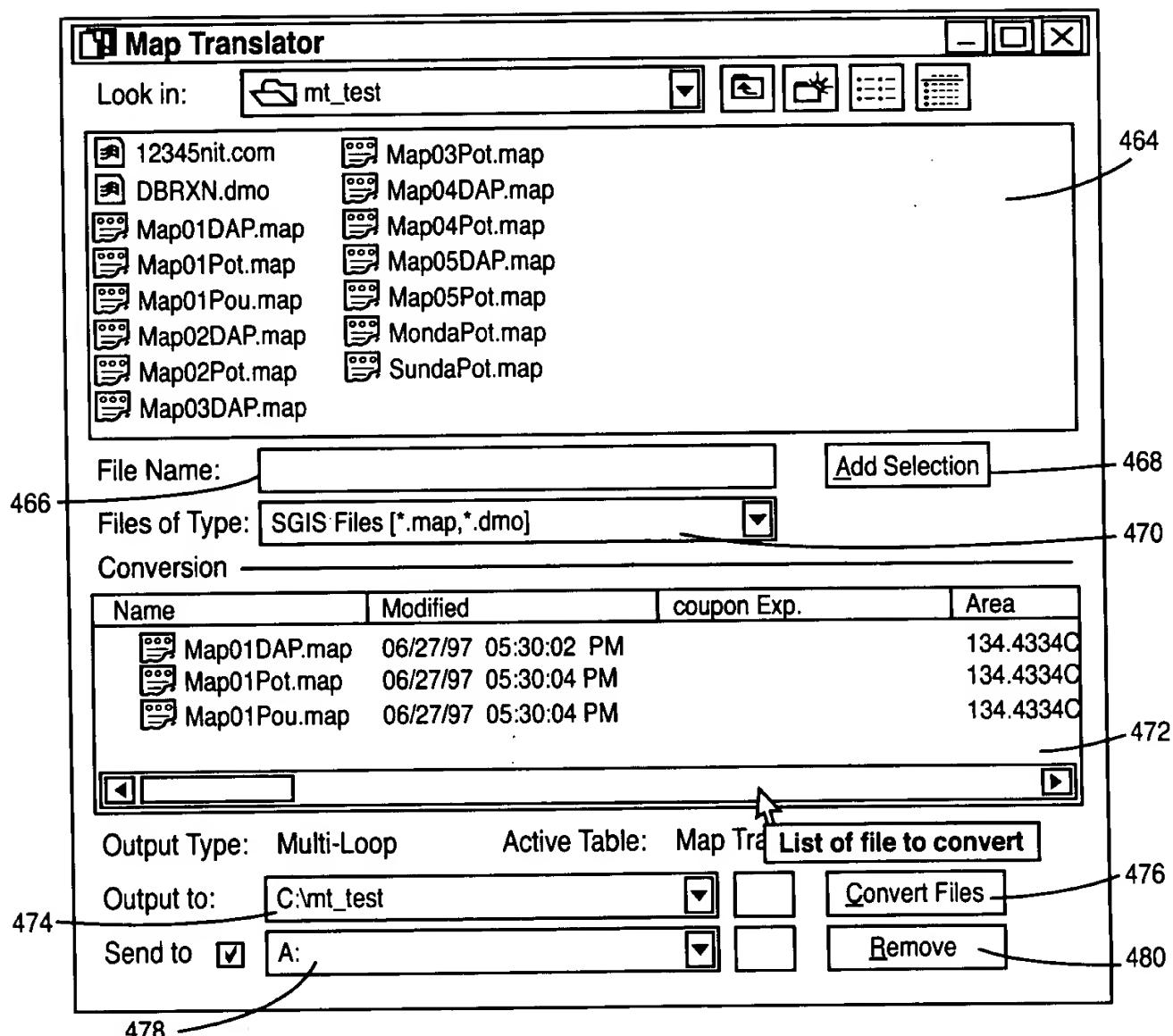


FIG. 27

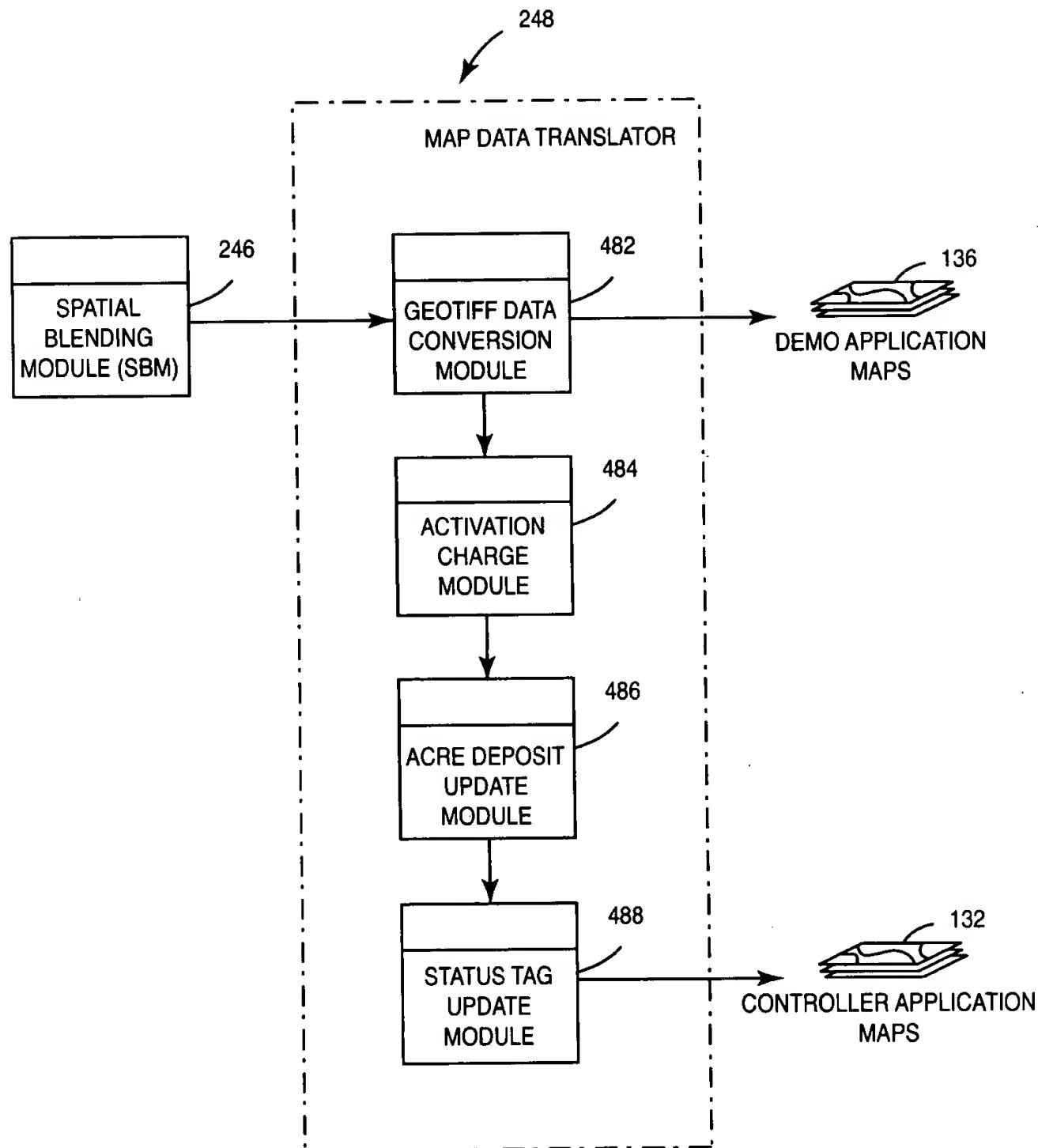


FIG. 28